

Title (en)
CHILD SAFETY SEAT

Title (de)
KINDERSICHERHEITSSITZ

Title (fr)
SIÈGE DE SÉCURITÉ ENFANT

Publication
EP 3738819 B1 20230719 (EN)

Application
EP 20169420 A 20200414

Priority
CN 201910345902 A 20190426

Abstract (en)
[origin: EP3738819A1] A child safety seat (200) includes a seat shell (102) having two sidewalls (1301) respectively provided at a left and a right side for restricting sideways movement of a child on the seat shell (102), a buffering part (11) movably connected with the seat shell (102), a retaining mechanism (20) and a release mechanism (12). The buffering part (11) is movable between a first position corresponding to a stowed state where the buffering part (11) is retracted toward one of the sidewalls (1301), and a second position corresponding to a deployed state where the buffering part (11) protrudes sideways from the sidewall (1301). The retaining mechanism (20) is operable to hold the buffering part (11) in the first position. The release mechanism (12) includes an operating device (50) that is disposed adjacent to a thigh region of the seat shell (102) and is operatively connected with the retaining mechanism (20), the operating device (50) being operable to release the buffering part (11) from the hold of the retaining mechanism (20).

IPC 8 full level
B60N 2/28 (2006.01); **B60N 2/42** (2006.01)

CPC (source: CN EP KR US)
B60N 2/2872 (2013.01 - CN EP KR US); **B60N 2/2884** (2013.01 - CN EP KR US); **B60N 2/4235** (2013.01 - EP KR)

Citation (examination)
• DE 202015104791 U1 20151126 - CYBEX GMBH [DE]
• EP 3666588 A1 20200617 - WONDERLAND SWITZERLAND AG [CH]
• EP 3347233 B1 20200422 - CYBEX GMBH [DE]

Cited by
TWI830536B; US11945345B2; WO2023111172A1; US11865953B2; DE102021212184B4; EP4008584B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3738819 A1 20201118; EP 3738819 B1 20230719; CA 3077919 A1 20201026; CA 3077919 C 20220405; CN 111845480 A 20201030; CN 111845480 B 20221209; CN 115675211 A 20230203; EA 038452 B1 20210831; EA 202090824 A2 20201030; EA 202090824 A3 20201230; EA 202191484 A2 20211029; EA 202191484 A3 20211231; EP 4234325 A2 20230830; EP 4234325 A3 20240228; ES 2955731 T3 20231205; JP 2020183223 A 20201112; JP 2021183489 A 20211202; JP 2022164832 A 20221027; JP 6948434 B2 20211013; JP 7135179 B2 20220912; JP 7508512 B2 20240701; KR 102362425 B1 20220211; KR 20200125898 A 20201105; US 11338710 B2 20220524; US 11639121 B2 20230502; US 2020339016 A1 20201029; US 2021268941 A1 20210902; US 2023234481 A1 20230727

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EP 20169420 A 20200414; CA 3077919 A 20200408; CN 201910345902 A 20190426; CN 202211448899 A 20190426; EA 202090824 A 20200423; EA 202191484 A 20200423; EP 23177067 A 20200414; ES 20169420 T 20200414; JP 2020076497 A 20200423; JP 2021129479 A 20210806; JP 2022137983 A 20220831; KR 20200045855 A 20200416; US 202016852282 A 20200417; US 202117325761 A 20210520; US 202318128414 A 20230330